



Fall 2009 Special Recycling Collection Event Reimbursement Report

1. **Project Title:** Federal Way Fall Special Recycling Collection Event
2. **Time and Location:** Event Date/Hours: September 19, 2009, 9 am to 3 pm
Event Location: Twin Lakes Park & Ride, S 344th & 21st Ave SW, Federal Way
3. **Community Participation Rate:** All residents in the Federal Way area were eligible to participate in the event. 1,014 carloads of participants attended the event, with steady traffic.

4. Type and Volume of Materials Collected:

Material Collected	Quantity	Unit	Ave Weight (lbs)	Weight (lbs)	Weight (tons)
Tires - off rim	339	count	20	6,780	-
Tires - on rim	115	count	40	4,600	-
Tires - heavy equipment	0	count	-	0	-
Subtotal tires	-	-	-	11,380	5.69
Lead acid batteries	124	cores	20	2,480	-
Batteries: alkaline	622	pounds	-	622	-
Batteries: Ni-cad / NI-MH	79	pounds	-	79	-
Batteries: lithium ion	17	pounds	-	17	-
Subtotal batteries	-	-	-	3,198	1.60
Motor oil	605	gal	7	4,235	2.12
Oil filters	55	gal	8	440	0.22
Antifreeze	90	gal	8	720	0.36
Gasoline	95	gal	7	665	0.33
CFC appliances	55	count	205	11,289	5.64
Electronic scrap	5,410	pounds	-	5,410	2.71
Compact fluorescents	340	count	0.33	112	-
Fluorescent tubes 8 ft.	47	count	0.75	35	-
Fluorescent tubes 4 ft.	710	count	0.5	355	-
Fluorescent tubes - other	-	count	varies	175	-
Subtotal tubes	1,097	-	-	677	0.34
Yard waste	7.98	tons	-	15,960	7.98
Wood scrap	15.92	tons	-	31,840	15.92
Scrap metal	21.71	tons	-	43,420	21.71
Rigid plastic	1.65	tons	-	3,300	1.65
Cardboard	350	pounds	-	350	0.18
Wires and light strands	320	pounds	-	320	0.16
Packing materials	47	pounds	-	47	0.02
Styrofoam blocks	40	cu. yds.	22.5	900	0.45
Mattresses	240	count	42	10,080	5.04
Household goods	5	gaylords	400	2,000	1.00
GRAND TOTAL				146,231	73.1

5. Vendors:

Business Name	Materials Collected for Recycling
All Battery Sales and Service	Lead acid, NiCad and alkaline household batteries
Correctional Industries	Mattresses
Ecolights	Fluorescent lamps
Emerald Petroleum	Used motor oil, oil filters, fuel and antifreeze
Goodwill	Reusable household goods
Holiday Lights Recycling	Wires, light strands and packing materials
L&S Tire	Tires
Total Reclaim	CFC appliances and electronics
V & G Styro Recycle	Styrofoam blocks
Waste Management	Scrap metal, bulky yard debris, wood and rigid plastic

6. Event Costs:

Item	Vendor	Cost
Electronics and CFC appliances	Total Reclaim	\$2,411.50
Fluorescent lamps	EcoLights Northwest	\$350.00
Tires	L&S Tire	\$768.75
Petroleum products	Emerald Recycling Services	\$2,340.08
Batteries	All Battery Sales and Service	\$400.75
Scrap metal and wood	Waste Management	\$7,701.46
Sweeper services	McDonough & Sons	\$56.00
Portable toilet	Head Quarters	\$81.50
Refreshments	Dumas Bay	\$352.00
Refreshments	Safeway	\$13.78
Brochure development	Jenny Thuillier Graphics	\$313.50
Event handouts	Market Me Now!	\$104.03
Brochure printing	Market Me Now!	\$4,130.61
Mailing list	Market Me Now!	\$312.57
Brochure mailing	US Postmaster	\$5,290.34
Park & ride rental	WSDOT	\$200.00
Storage unit	Century Square	\$1,725.00
Event management	City staff	\$6,536.86
Event coordination	City staff	\$2,311.85
	TOTAL	\$35,400.58

7. Impact Objectives:

By hosting a special recycling event, Federal Way helped to reduce the amount of potential environmentally damaging materials that might otherwise be disposed or dumped at landfills, storm drains, streams, and similar environmentally sensitive sites in and around Federal Way. Residents brought a total of 73 tons of material to this event or an average of 144 pounds per vehicle. By offering the event, the city successfully diverted these materials from Federal Way's wastestream.

Because of this waste stream diversion, a number of benefits resulted, including reducing potential damage to the environment and possible health risks to area residents and solid waste service personnel. In addition to collecting materials, we provided attendees with information about Wastemobile HHW collection services.